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L1	158449	treatingnear5 polyimide enar5 (membrane or film or barrier) and crosslink and (dendrimer or hyperbranched) and solvent and temperature near5 low	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 11:58
L2	949	treating near5 polyimide enar5 (membrane or film or barrier) and crosslink and (dendrimer or hyperbranched) and solvent and temperature near5 low	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 11:58
L3	1	treating near5 polyimide near5 (membrane or film or barrier) and crosslink and (dendrimer or hyperbranched) and solvent and temperature near5 low	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 11:58
L4	1290	treating near5 polyimide enar5 (membrane or film or barrier) and crosslink\$4 and (dendrimer or hyperbranched) and solvent and temperature near5 low	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 11:58
L5	1	treating near5 polyimide near5 (membrane or film or barrier) and crosslink\$4 and (dendrimer or hyperbranched) and solvent and temperature near5 low	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 11:59
L6	30	polyimide near5 (membrane or film or barrier) and crosslink\$4 and (dendrimer or hyperbranched) and solvent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 11:59
L7	4	polyimide near5 (membrane ) and crosslink\$4 and (dendrimer or hyperbranched) and solvent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 11:59

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### R&D Highlights

use of microwaves irradiation to **crosslink** carbon nanotubes to facilitate Polymer  
... a **Solvent-Free** resin transformed rapidly at ambient **temperature** into a ...  
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"**Barrier** Coatings for flexible packaging Based on **Hyperbranched** resins", ...  
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### American Chemical Society | PMSE Division | Meetings | Past ...

... acid salts: Novel precursors for fabrication of composite **polyimide membranes**.  
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### POLY Boston Preliminary program

Novel method for polystyrene reaction at **low temperature** (7). ... Partially imidized  
polyamic acid salt polymers and **polyimide membranes**. ...  
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### POLY - Anaheim Meeting

**Dendrimer**-based nanocomposite **membranes** for VOC recovery and other applications.  
... Novel **low temperature** initiation systems for radical polymerization of ...  
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properties of polymersome **membranes**. ... for hard disk drives, and **barrier** coatings ...  
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... Biomimetic Fabrication of Vaterite **Film** from Amor ... 김영진) Anion-Exchange **Membrane**  
Manufacturing by Ra ... complex micelles encapsulating **dendrimer** porphyrins for ...  
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transition **temperature** (T<sub>g</sub>). This gives the opportunity to create highly.

**solvent** resistant polymer nano-composites based on common polymers ...

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... condensates" UF Ordered copolymer H0113 NT Random copolymer "Only used when stated to be such" H0351 **Dendrimer** (04) "Not used for **hyperbranched** polymer ...

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Branched/Crosslinked Sulfonated **Polyimide Membranes** for Polymer Electrolyte Fuel Cells ... **Low-Temperature** Growth of Thick Polystyrene Brushes via ATRP 1829 ...

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loading especially at **low temperatures**. This brittleness has been ... (**solvent** selection, **temperature treatment**, external elds) to which ...

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... **solvent** to syndiotactic polystyrene mesophase **membranes** with molecular cavity.

... Thieno[3,4-b]thiophene as a novel **low** oxidation **crosslinking** agent K. ...

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curing process in the **temperature** range 165-250°C due to **crosslinking** between. acetylenic groups. ... and by **treatment** with **solvents** like THF. ...

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Influences of **Temperature** and **Membrane** Thickness ... Thermoplastic Polymers Using  
Reactive **Solvents**; (1996) **Dendrimer**-Based Multinuclear Gold(I) Complexes ...

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... (1996) Energetics of a **Low Barrier** Hydrogen-Bond in Nonpolar-**Solvents** ...  
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"Processes and States During Polymer **Film** Formation. by Simultaneous **Crosslinking**  
and **Solvent** ... "Adhesion Study of **Polyimide** to Single-wall Carbon ...

[www.adhesionsociety.org/useful%20links/Literature\\_reviews/vol\\_9\\_no\\_4\\_2003.pdf](http://www.adhesionsociety.org/useful%20links/Literature_reviews/vol_9_no_4_2003.pdf) - [Similar pages](#)

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UV irradiation and heat-**treatment** at relatively **low temperatures** (less than 300 °C)

... **temperature**, stress and magnetic field in thin **film** and bulk forms ...

[depts.washington.edu/.../docs/10-yr-review/10-Year%20Review\\_web/APPENDIX%20G\\_Faculty%20CVs-Summaries.pdf](http://depts.washington.edu/.../docs/10-yr-review/10-Year%20Review_web/APPENDIX%20G_Faculty%20CVs-Summaries.pdf) - [Similar pages](#)

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... DMA, tensile strength) and final **film** morphologies (AFM ... the HPA retention stability

after water **treatment** at 80Å ... operation of proton-exchange **membrane** fuel cells ...

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The morphology of these microcapsules after **temperature treatment** is ... As a  
result, the stability of the **film** towards polar **solvents** increases ...

[www.chem.fsu.edu/multilayers/PEM%202000-2001.doc](http://www.chem.fsu.edu/multilayers/PEM%202000-2001.doc) - [Similar pages](#)

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"A **membrane-mimetic barrier** for islet encapsulation." ... "Micropatterned  
self-assembled **film** based on **temperature-responsive** ...

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Trimethylsulfonyl chloride as a source of sulfur trioxide: a novel ...

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... Chemical Physics 2000 2000 Measurement of Convection and **Temperature** Profiles in ...

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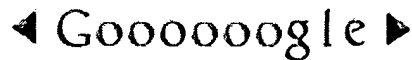
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